

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

NILSSON=6 B

SERIAL NO.

10/658,376

INFORMATION DISCLOSURE STATEMENT

LIST OF DOCUMENTS CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT: Dan NILSSON

FILING DATE: September 10,
2003

GROUP:

OTHER DOCUMENTS (Including Author, Title, Pertinent Page, Etc.)

E.J.

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| AA | DICKELY, Françoise et al., "Isolation of lactococcus lactis nonsense suppressors and construction of a food-grade cloning vector." MOLECULAR MICROBIOLOGY, vol. 15, no. 5, pp. 839-847 (1995). |
| AB | GASSON, M.J. et al., "Metabolic engineering of the Lactococcus lactis diacetyl pathway.", LAIT, vol. 76, pp. 33-40 (1996). |
| AC | "HPLC analysis determination of acids and carbohydrates in liquid fermentation media using internal standard.", CHR. HANSEN'S LABORATORIUM DANMARK A/S, Analytical Procedure AP1009 (1993). |
| AD | "HSGC- In situ derivation of acids in fermentates for physiological investigations." CHR. HANSEN'S, Technical Report TR 785, (1995). |
| AE | "HSGC - Determination of volatile organic compounds and α -aceto lactic acid.", CHR's HANSEN, Analytical Procedure AP 1048, (1995). |
| AF | HUGENHOLTZ, Jeroen, "Citrate metabolism in lactic acid bacteria.", FEMS MICROBIOLOGY REVIEWS, vol. 12, pp. 165-178 (1993). |
| AG | KNAPPE, Joachim, "Anaerobic dissimilation of pyruvate.", INSTITUTE FOR CHEMICAL BIOLOGY, no. 13, pp. 151-155. |
| AH | PLATTEEUW, Christ et al., "Metabolic engineering of Lactococcus lactis: Influence of the overproduction of α -acetolactate synthase in strains deficient in lactate dehydrogenase as a function of culture conditions" APPLIED AND ENVIRONMENTAL MICROBIOLOGY, pp. 3967-3971. |
| AI | SNOEP, Jacob., "Regulation of pyruvate catabolism in Enterococcus faecalis: A molecular approach to physiology.", ACADEMISCH PROEFSCHRIFT, Chp. 1-4, pp. 1-92 (1992). |
| AJ | TERZAGHI, Betty et al., "Improved medium for lactic streptococci and their bacteriophages.", APPLIED MICROBIOLOGY, vol. 29, no. 6, pp. 807-813 (1975). |
| AK | WESTERFELD, W., "A colorimetric determination of blood acetoin.", JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 16, pp. 495-502 (1945). |

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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MAY 02 2005

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AL	PASCAL, Marie-Claire et al., "Genetic analysis of mutants of Escherichia coli K12 and Salmonella typhimurium LT2 deficient in hydrogenase activity." MOLEC. GEN. GENET., vol. 141, pp. 173-179 (1975).
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AM	PASCAL, Marie-Claire et al., "Mutants of Escherichia coli K12 with defects in anaerobic pyruvate metabolism" JOURNAL OF GENERAL MICROBIOLOGY, vol. 124, pp. 35-42 (1980).
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AN	VARENNE, S. et al., "A mutant of Escherichia coli deficient in pyruvate formate lyase.", MOLEC. GEN. GENET., vol. 141, pp. 181-184 (1975).
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SHEET 1 OF 1

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY DOCKET NO: NILSSON = 6 6B		SERIAL NO: 10/658,376					
INFORMATION DISCLOSURE STATEMENT LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT: NILSSON, Dan							
					FILING DATE: September 10, 2003		GROUP: 1651					
U.S. PATENT DOCUMENTS (include at least patentee, patent number and issue date)												
EXAMINER INITIAL		DOCUMENT NUMBER						DATE	PATENTEE	CLASS	SUB- CLASS	FILING DATE IF APPROP.
	AA											
	AB											
	AC											
	AD											
	AE											
	AF											
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	AH											
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FOREIGN PATENT DOCUMENTS (include at least document number, publication date and country)												
		DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES/NO
	AL											
	AM											
	AN											
	AO											
OTHER DOCUMENTS (include author, title, name of publication, volume, pages & date of publication)												
	AP	MCKAY, et al., Altered Metablism in a Streptococcus lactis C2 Mutant Deficient in Lactic Dehydrogenase, JOURNAL OF DAIRY SCIENCE, vol. 57, no. 2, pgs. 181-186, 1973.										
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APPLICANT: Dan NILSSON

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GROUP:

E-I OTHER DOCUMENTS (include author, title, name of publication, volume, pages and date of publication)

BP

F. Mat-Jan et al., "Mutants of Escherichia Coli Deficient in the Fermentative Lactate Dehydrogenase",
Journal of Bacteriology, vol. 171, no. 1, pg. 342-348, January, 1989.

BQ

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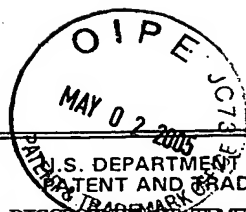
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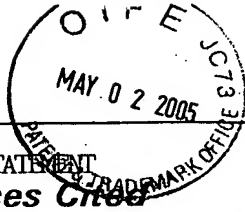
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		DOCUMENT NUMBER		DATE	COUNTRY	CLASS	SUB- CLASS
OTHER DOCUMENTS (include author, title, name of publication, volume, pages & date of publication)							
	CA	BÖCK, et al., <u>Fermentation</u> , ESCHERICHIA COLI AND SALMONELLA, CELLULAR AND MOLECULAR BIOLOGY, (Eds. in Chief Frederick C. Neidhardt), ASM Press, Washington, D.C., pgs. 262-282, 1996.					
	CB	BOLOTIN, et al., <u>Low-redundancy sequencing of the entire <i>Lactococcus lactis</i> IL1403 genome</u> , ANTONIE VAN LEEUWENHOEK, vol. 76, pgs. 27-76, 1999.					
	CC	COGAN, et al, <u>Impact of aeration on the metabolic end-products formed from glucose and galactose by <i>Streptococcus lactis</i></u> , JOURNAL OF APPLIED BACTERIOLOGY, vol. 66, pgs. 77-84, 1989.					
	CD	COLLINS, et a., <u>Roles of Acetate and Pyruvate in the Metabolism of <i>Streptococcus diacetilactis</i></u> , JOURNAL OF BACTERIOLOGY, vol. 103, no. 3, pgs. 541-546, 1970.					
	CE	CRONAN, et al., <u>Tricarboxylic Acid Cycle and Glyoxylate Bypass</u> , ESCHERICHIA COLI AND SALMONELLA CELLULAR AND MOLECULAR BIOLOGY (Eds. in Chief Frederick C. Neidhardt, ASM Press, Washington, D.C., pp. 206-216, 1996.					
	CF	GENNIS, et al., <u>Respiration</u> , ESCHERICHIA COLI AND SALMONELLA CELLULAR AND MOLECULAR BIOLOGY (Eds. in Chief Frederic C. Neidhardt, ASM Press, Washington, D.C., pp. 217-261, 1996.					
	CG	NEIDHARDT, <u>The Enteric Bacterial Cell and the Age of Bacteria</u> , ESCHERICHIA AND SALMONELLA CELLULAR AND MOLECULAR BIOLOGY (Eds. in Chief Frederic C. Neidhardt, ASM Press, Washington, D.C., pp. 1-3, 1996.					
	CH	REED, et al., <u>Acetate-Replacing Factors for Lactic Acid Bacteria</u> , J. BIOL. CHEM. vol. 192, pgs. 851-858, 1951.					
	CI	REITER, et al., <u>Nutritional studies on cheese starters</u> , J. DAIRY RES., vol. 29, pgs. 63-77, 1962.					
	CJ	SNOEP, et al., <u>Differences in sensitivity to NADH of purified pyruvate dehydrogenase complexes of <i>Enterococcus faecalis</i>, <i>Lactococcus lactis</i>, <i>Axotobacter vinelandii</i> and <i>Escherichia coli</i>: Implications of their activity in vivo</u> , FEMS MICROBIOLOGY LETTERS, vol. 114, pgs. 279-283, 1993.					
	CK	TAKAHASHI, et al., <u>Oxygen Sensitivity of Sugar Metabolism and Interconversion of Pyruvate Formate-Lyase in Intact Cells of <i>Streptococcus mutans</i> and <i>Streptococcus sanguis</i></u> , INFECTION AND IMMUNITY, vol. 55, no. 3, pgs. 652-656, 1987.					
	CL	TAKAHASHI, et al., <u>Purification of Pyruvate Formate-Lyase from <i>Streptococcus mutans</i> and Its Regulatory Properties</u> , JOURNAL OF BACTERIOLOGY, vol. 149, no. 3, pgs. 1034-1040, March 1982.					
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Notice of References Cited

Application No.

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Applicant(s)

Nilsson D.

Examiner

Vera Afremova

Group Art Unit

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U.S. PATENT DOCUMENTS

E.I.		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS
	A					
	B					
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUBCLASS
	N						
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	P						
	Q						
	R						
	S						
	T						

NON-PATENT DOCUMENTS

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
	U	Takahashi et al. Oral Microbiology and Immunology. 1995. Vol. 10, pages 349-354.	
	V		
	W		
	X		